

Fig. 1

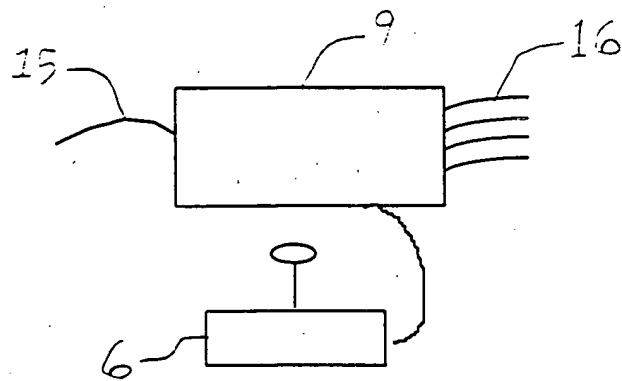
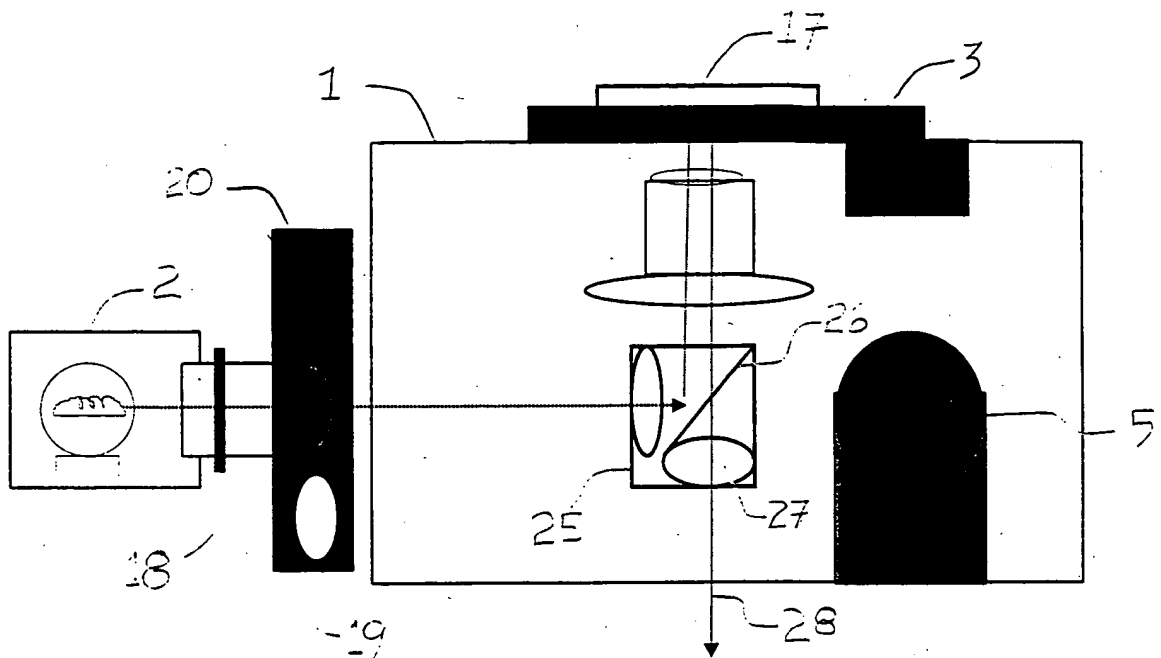


Fig. 2

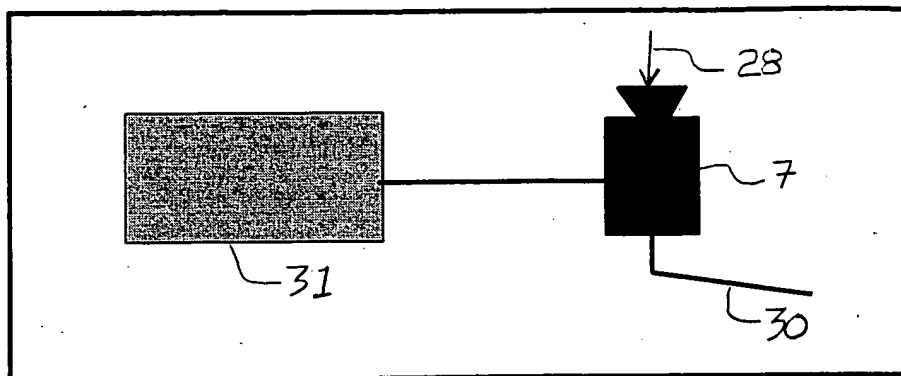


Fig 3



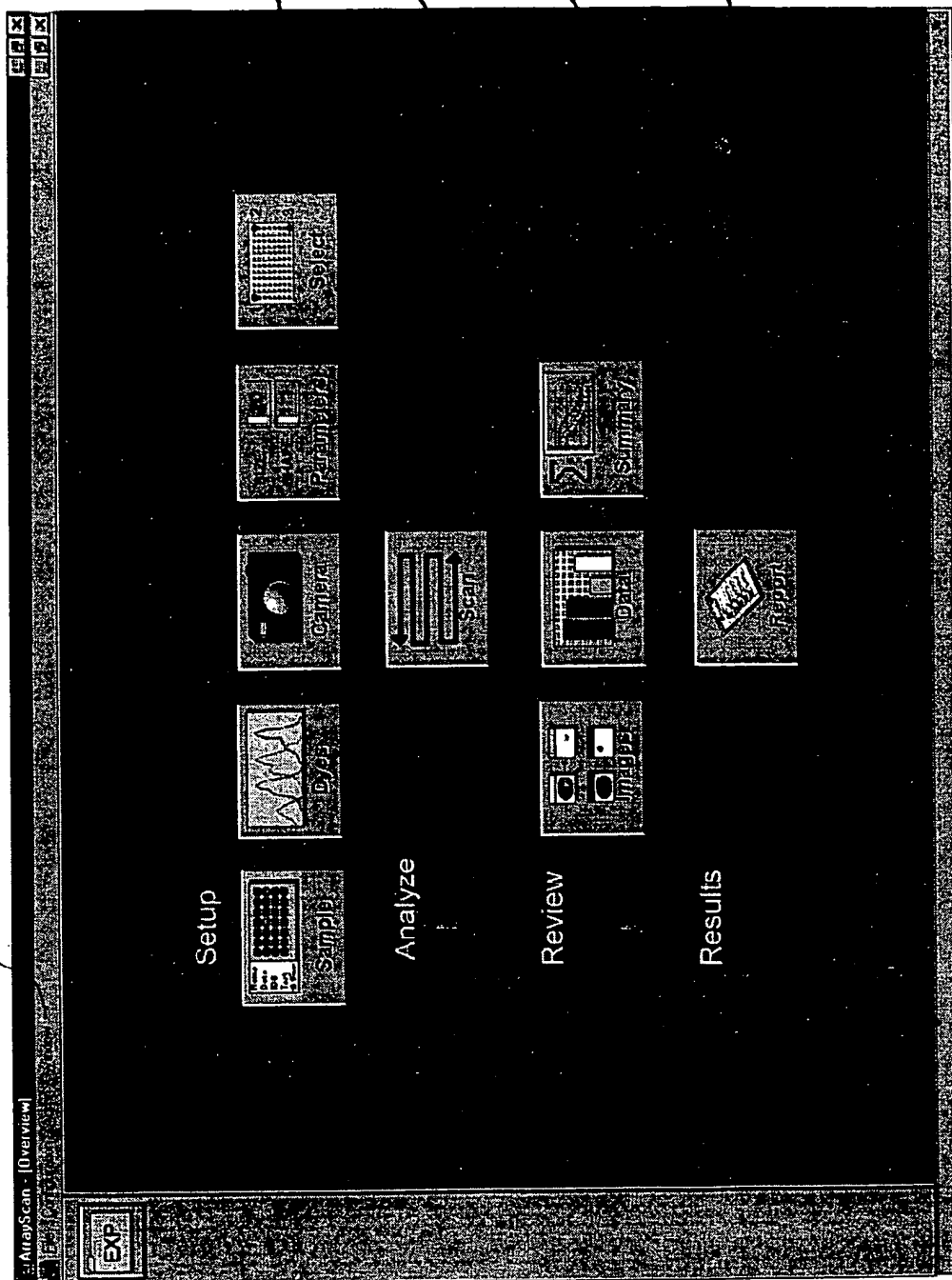
[illegible]

Fig. 5

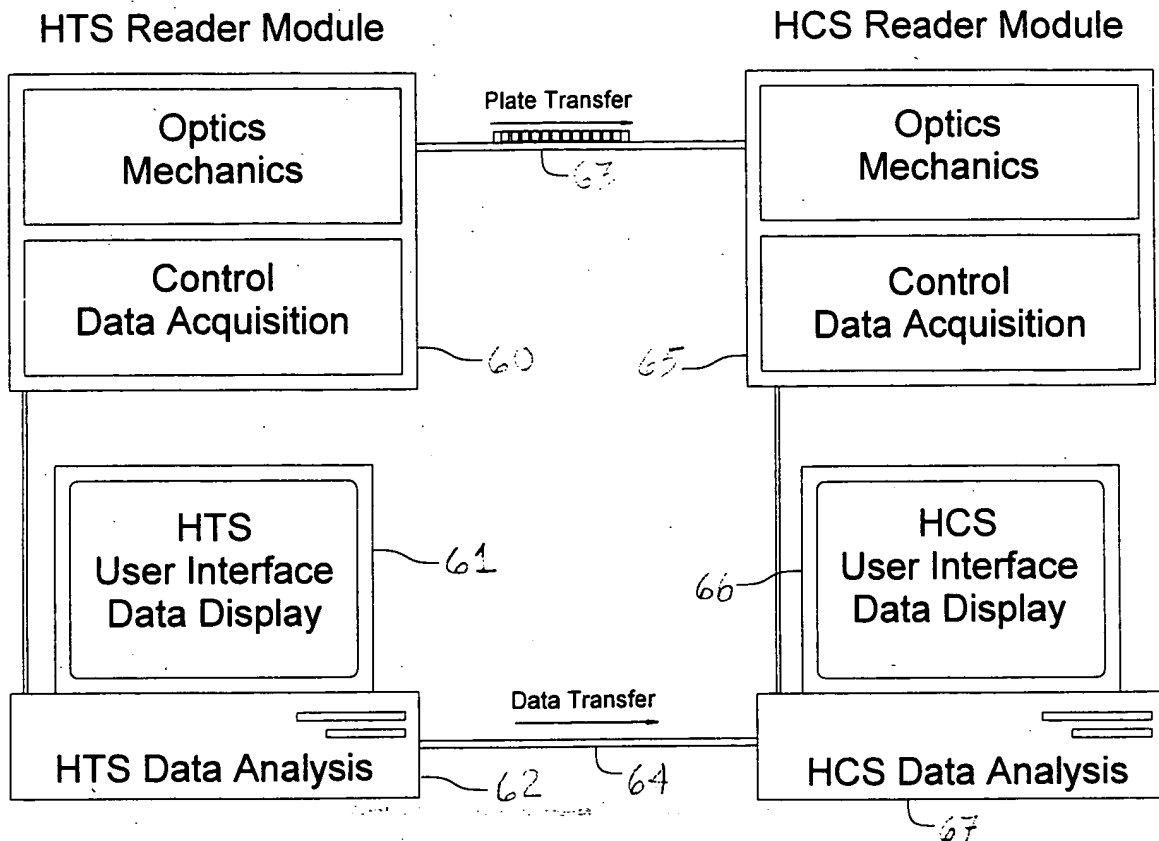


Fig. 6

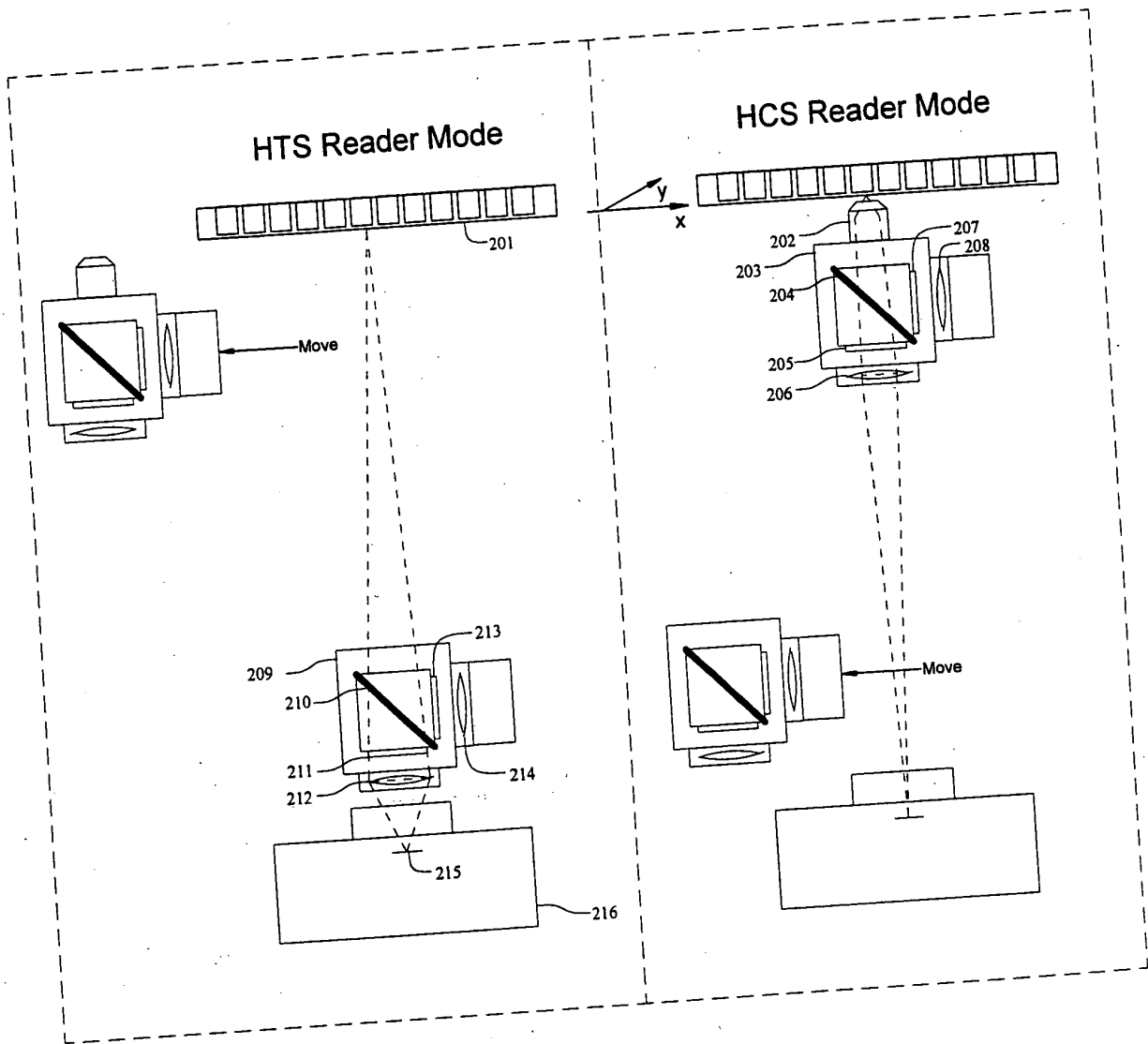


Fig. 7

# Fluid Delivery System for Cell Based Screening System

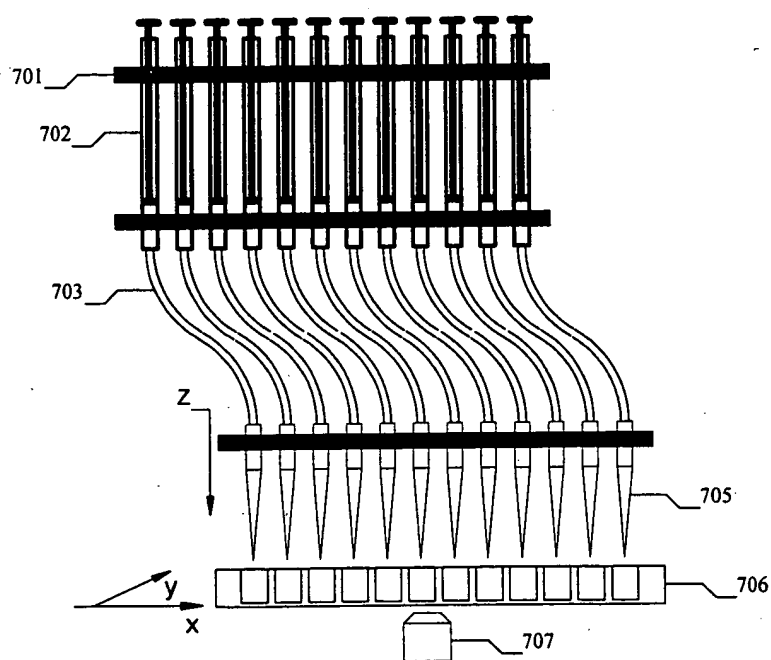


Fig. 8



0973355 4 4 3 00

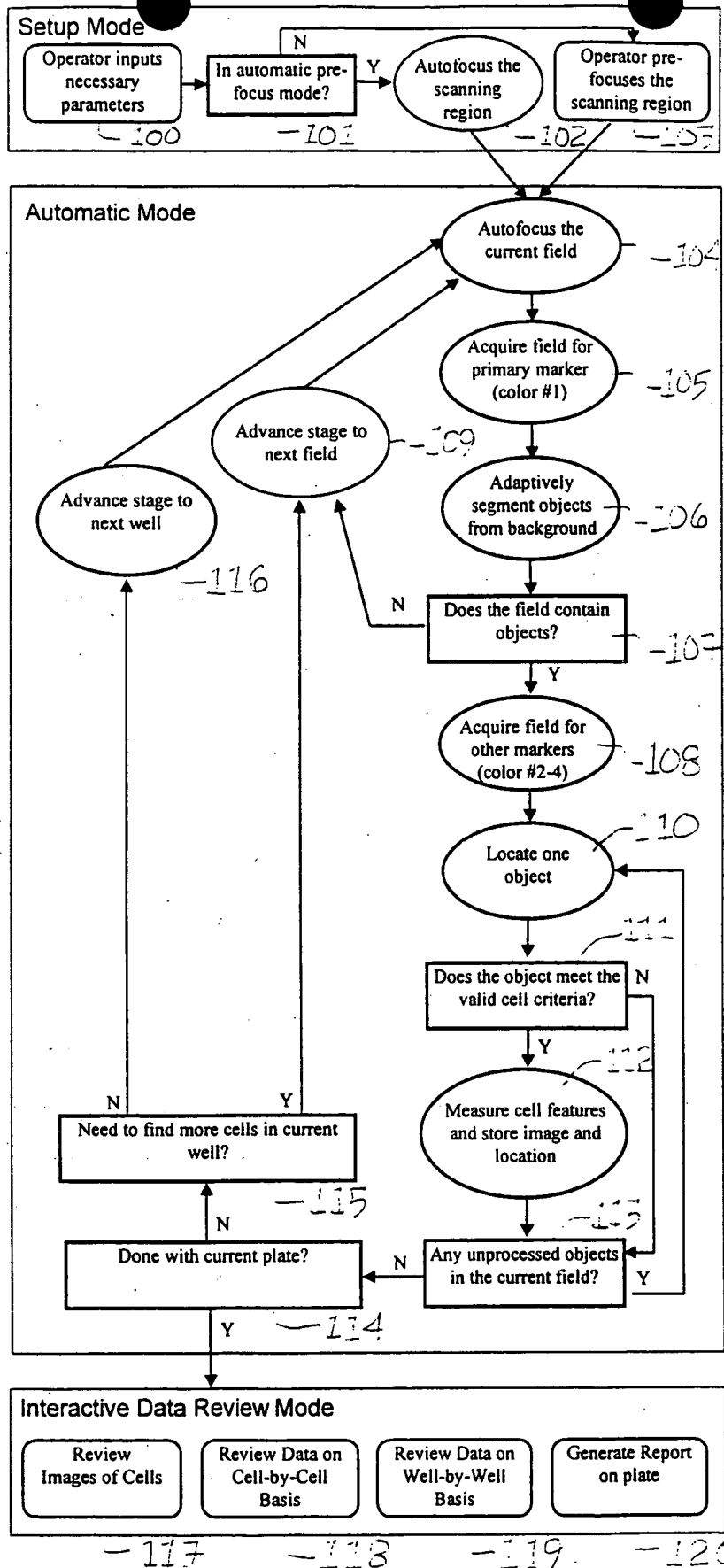
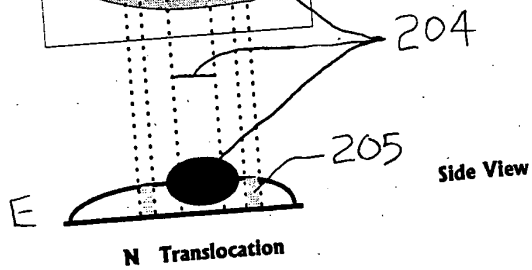
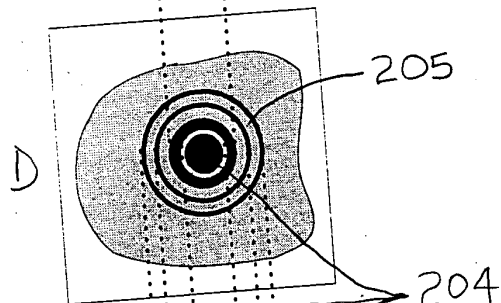
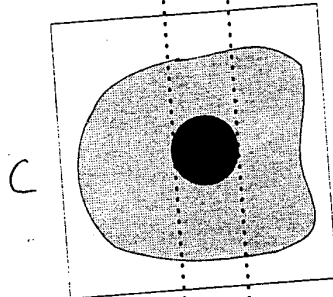
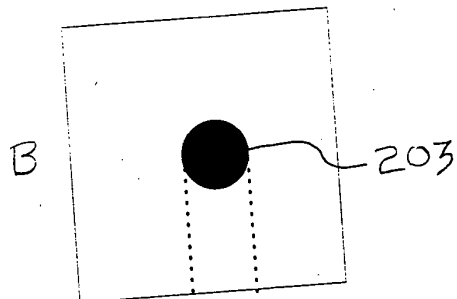
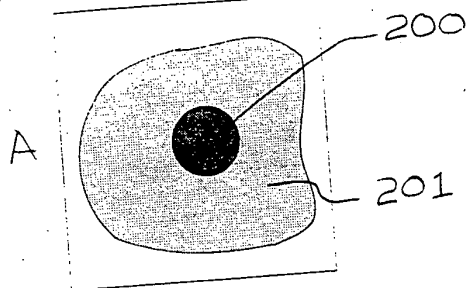


Fig 9

### Unstimulated Cell



### Stimulated Cell

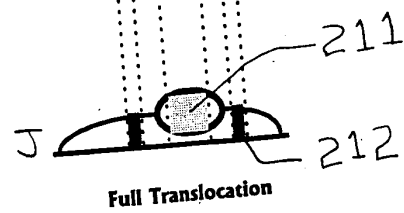
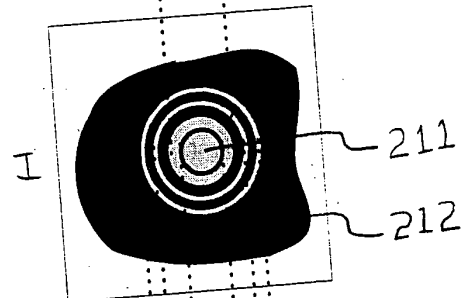
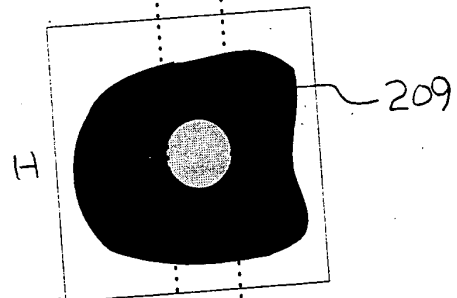
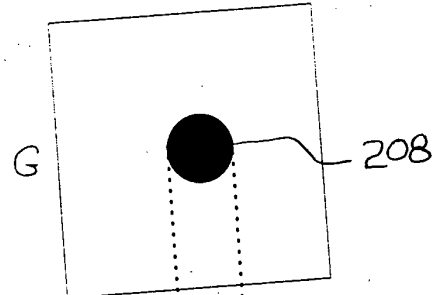
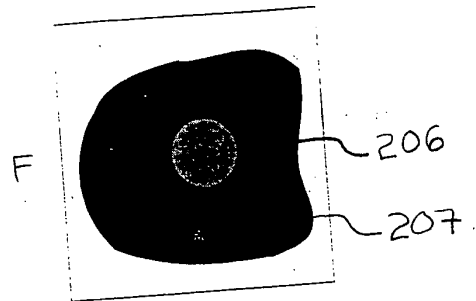
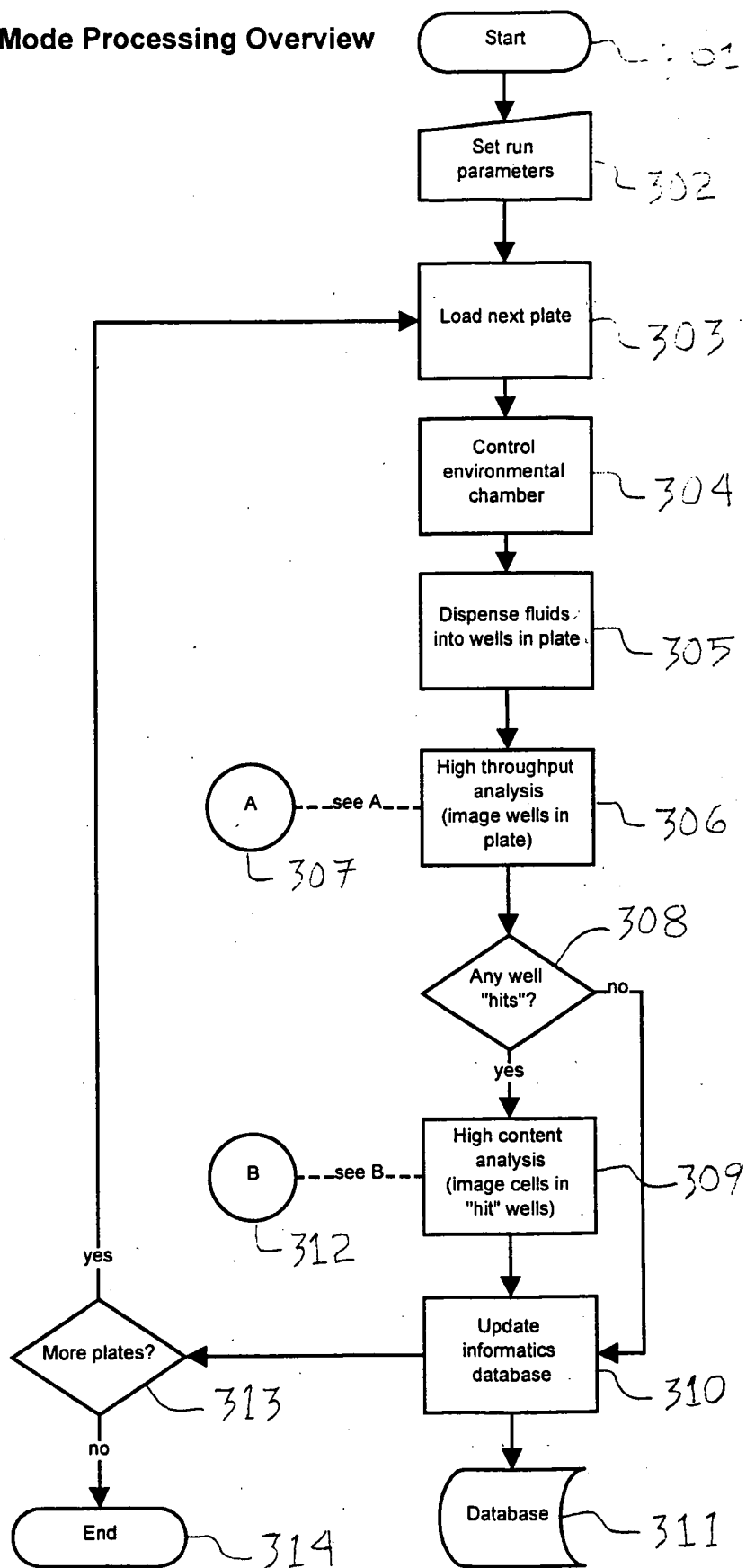


Fig. 10

# Dual Mode Processing Overview



Symbol key:

Manual input

Automatic Process

Decision

Connector

Fig. 11

# High Throughput Mode

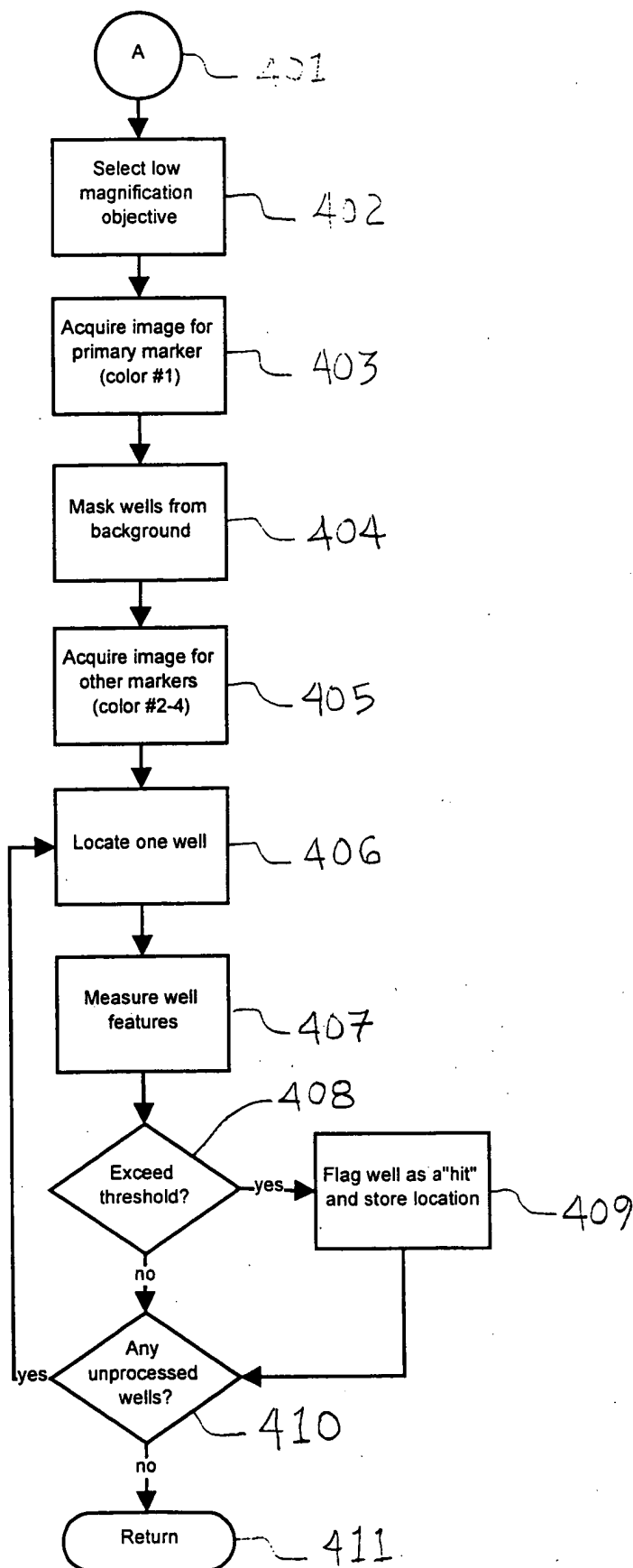


Fig. 10

# High Content Mode

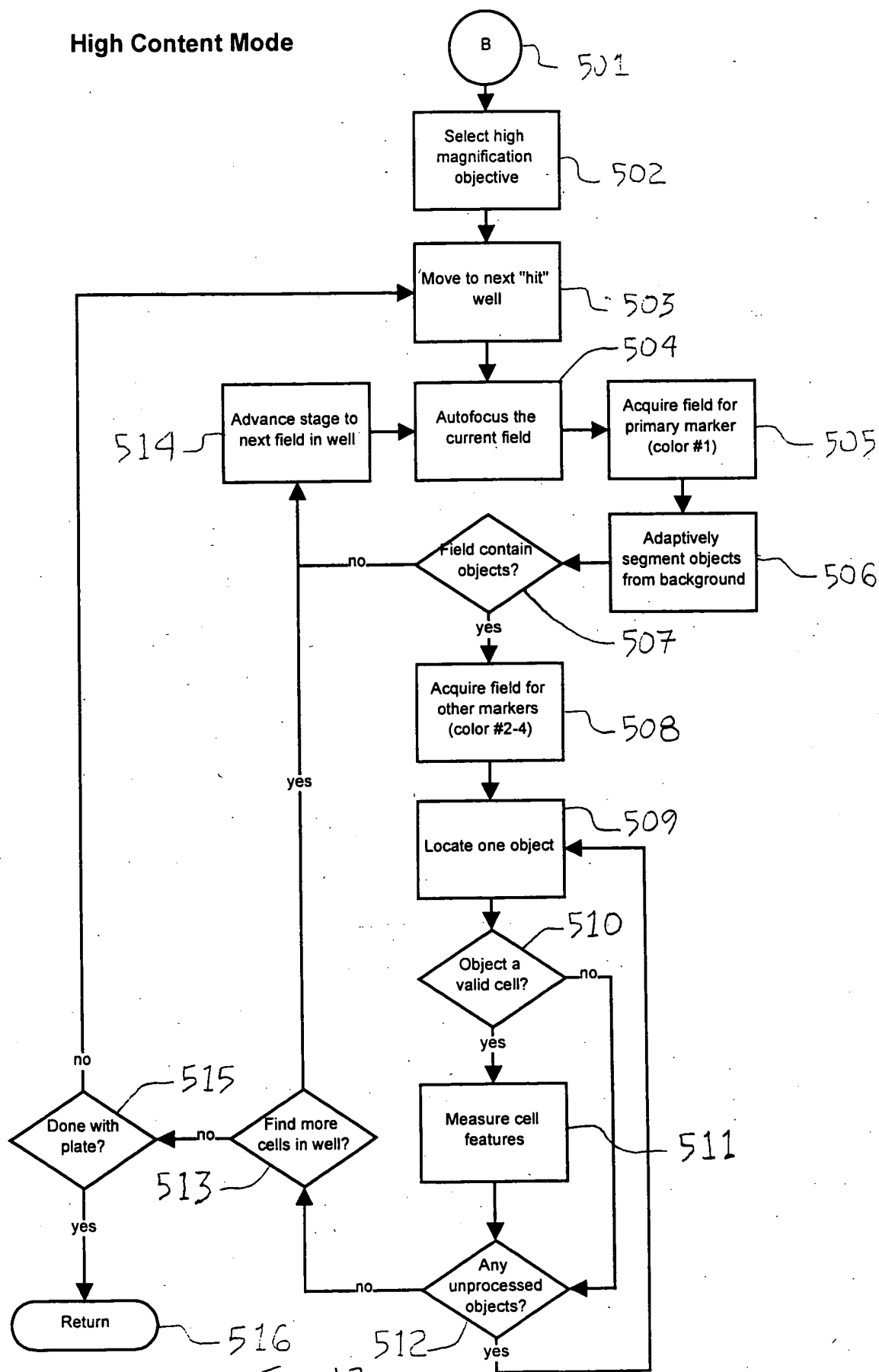


Fig. 13

# Kinetic Analysis Mode

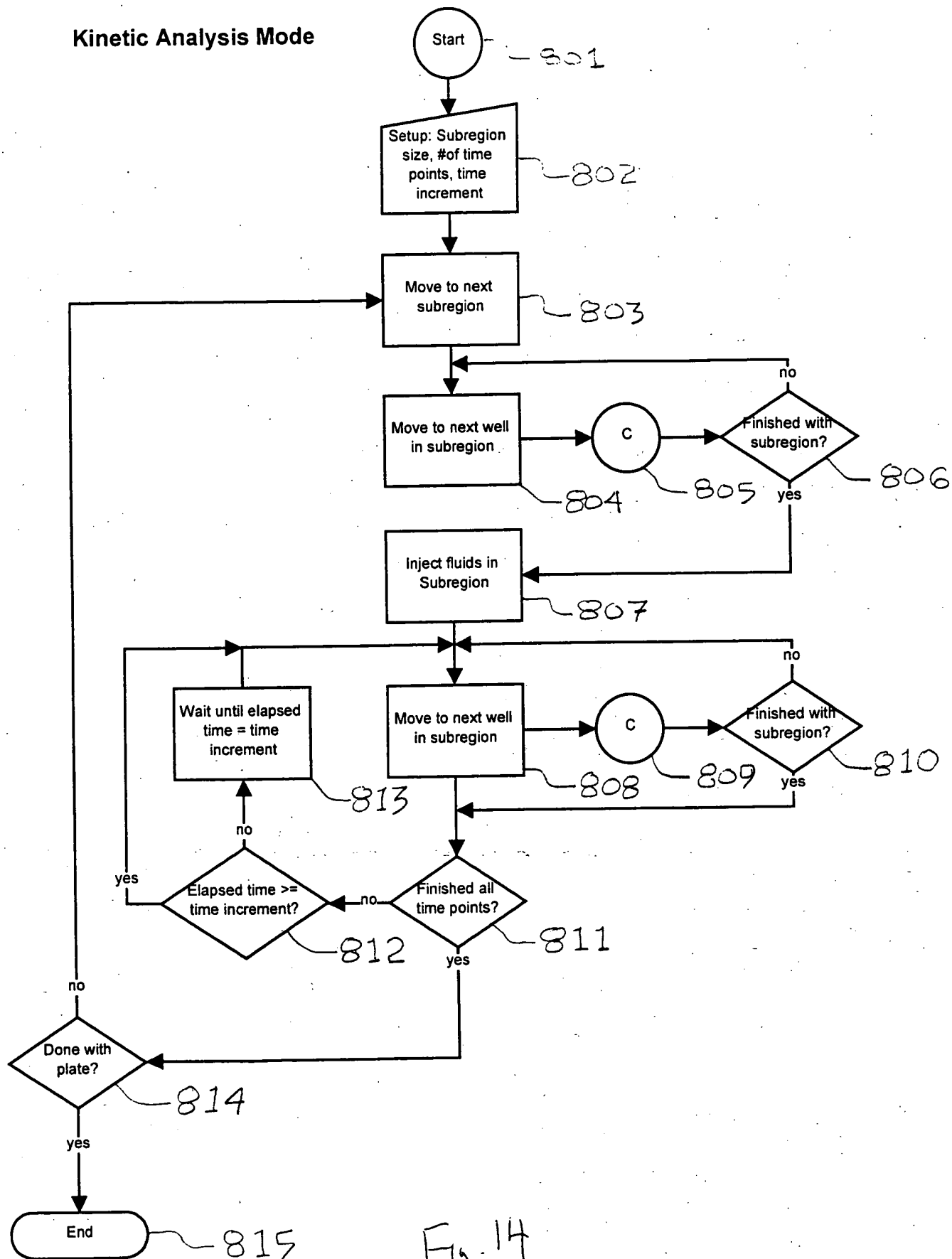


Fig. 14

# High Content Acquisition and Analysis within a well

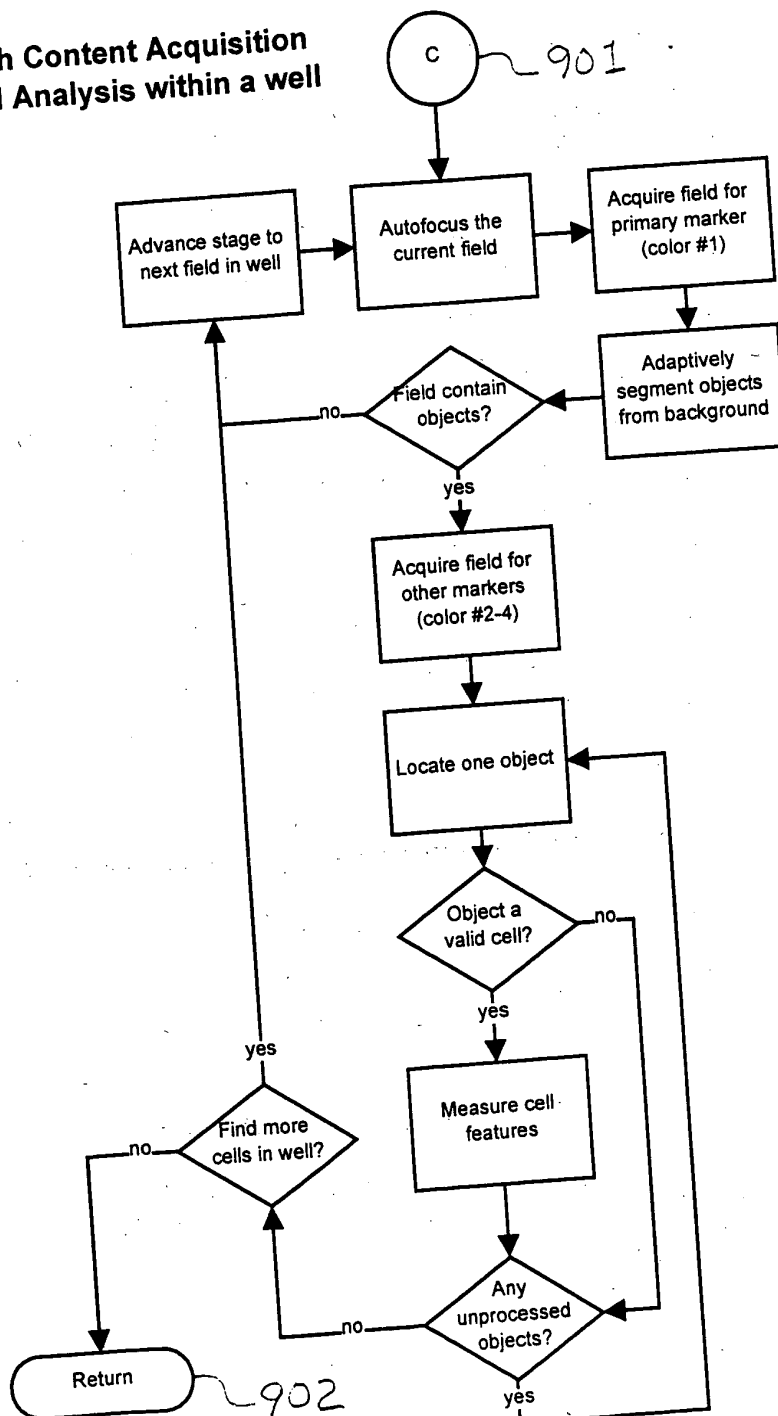
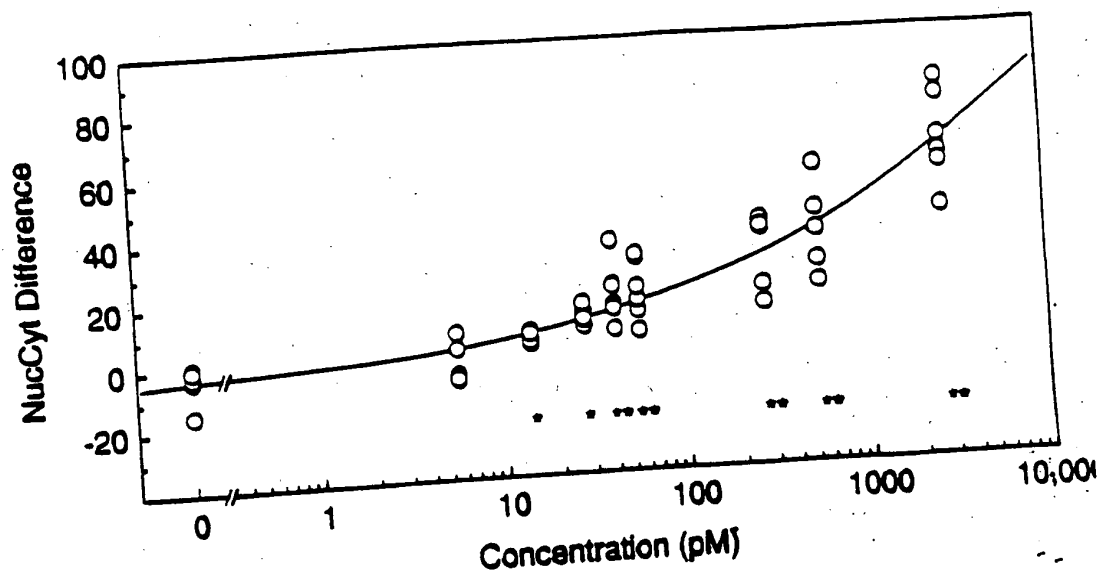


Fig. 15

**FIGURE 9**





**FIGURE 10**

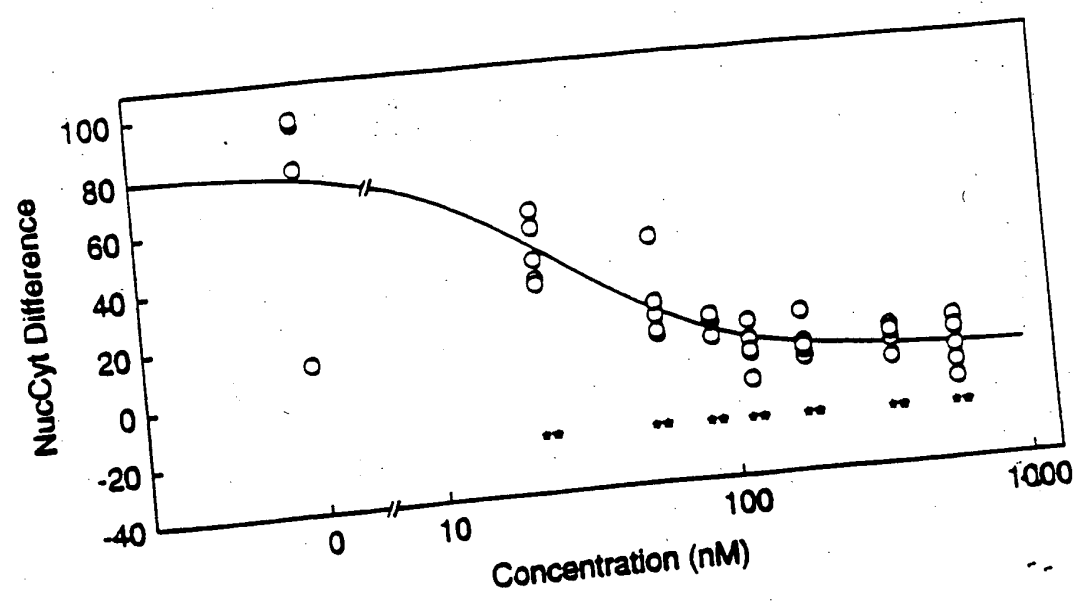


Fig 17

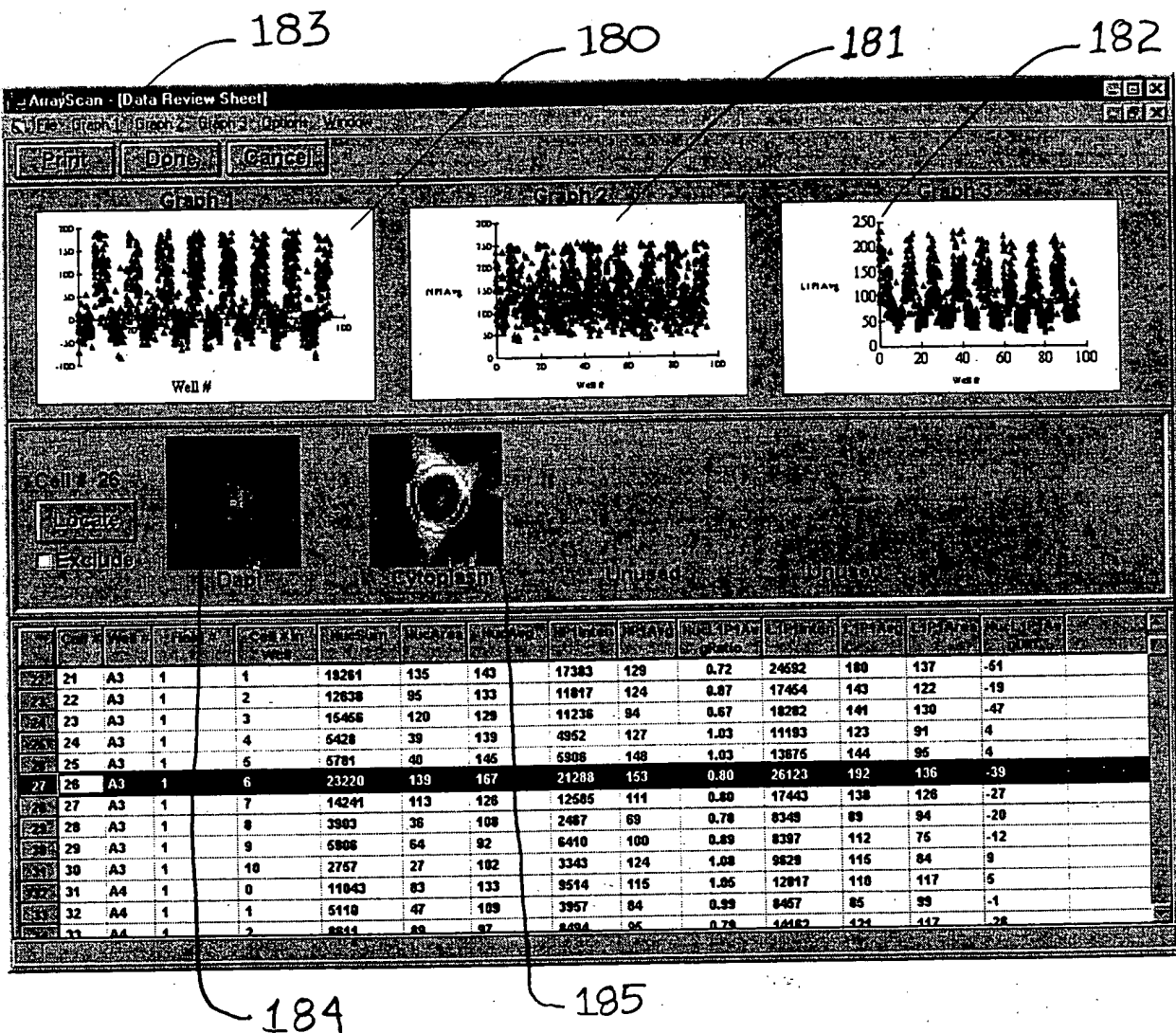
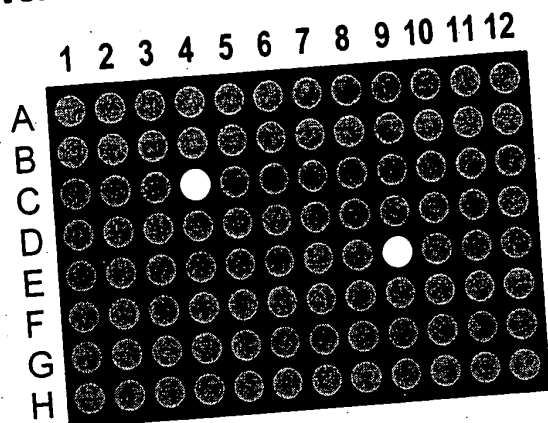


Fig. 18

# Low Resolution Well Data



Intensity  
Analysis

Array of  
"Hit" Wells

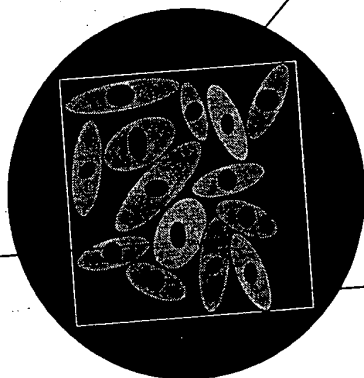
[C4, E9]

602

601

## High Resolution Cell Data

Well  
C4



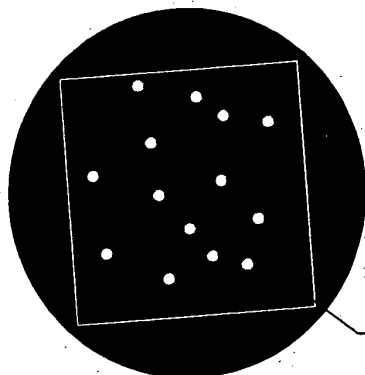
Spatial  
Analysis

No Translocation

605

604

Well  
E9



Spatial  
Analysis

Translocation

606

Fig. 19

00723656 112700

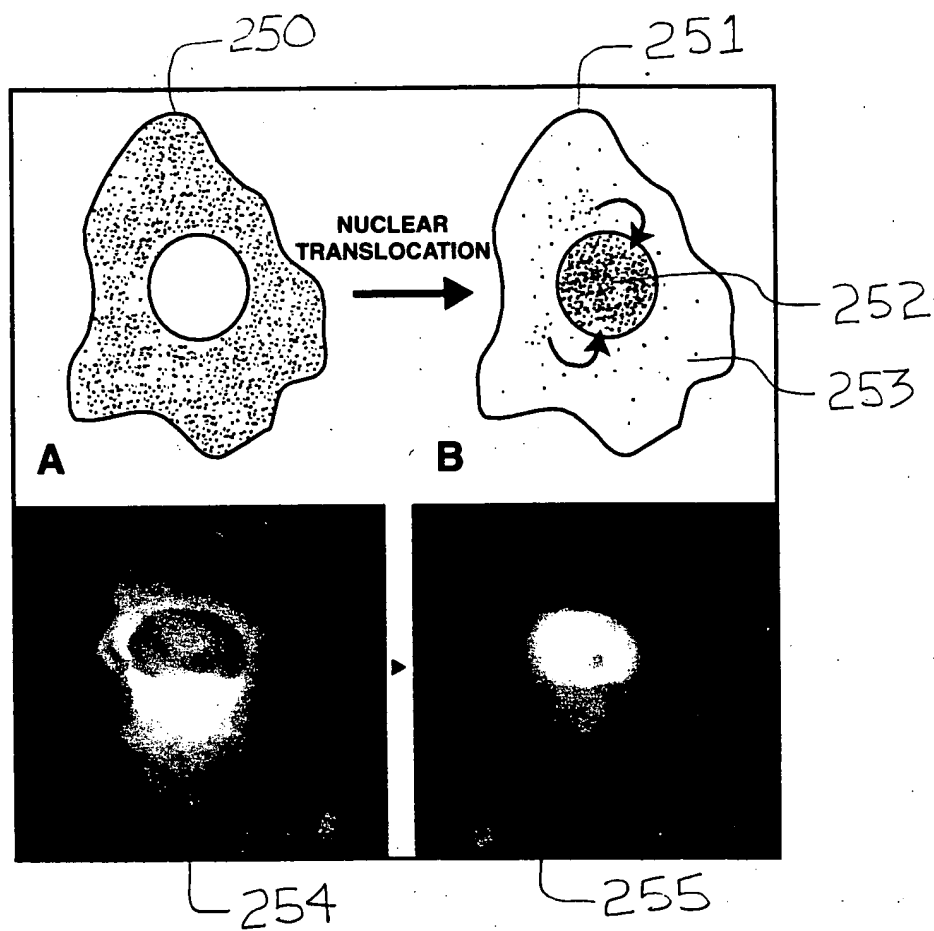


Fig. 20

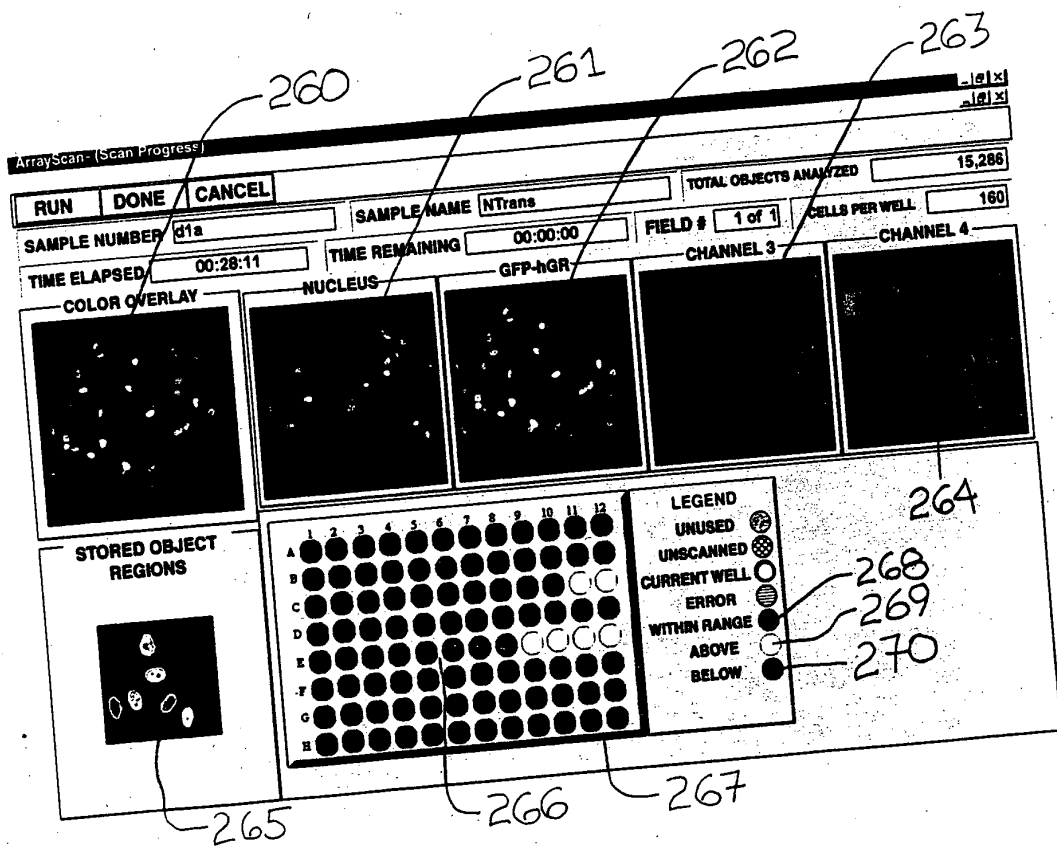


Fig 21

**Graph 1**

Well #

Cell # 118

Locate

Exclude

NUCLEUS

GFP-hGR

% Translocation

Dexamethasone (nM)

Cell #	Well #	Field #	Cell # in Well	NucSize	NucArea	NucAvg	
109	108	C2	1	3	5001	45	250
110	109	C2	1	4	5746	32	180
111	110	C2	1	5	7067	32	221
112	111	C2	1	6	5721	30	191
113	112	C2	1	7	6896	39	177
114	113	C2	1	8	7849	39	201
115	114	C2	1	9	5673	30	189
116	115	C2	1	10	5548	23	241
117	116	C2	1	11	4071	32	127
118	117	C2	1	12	3557	26	137
119	118	C2	1	13	6612	46	218
120	119	C2	1	14	6326	40	158
121	120	C1	1	0	7532	40	188

279

276

-277

-278

Fig. 22

Relative Response

Transfected Cells

Untransfected Cells

Time (min)

285

286

287

288

289

Fig. 23

2025 11 26 15:22:26

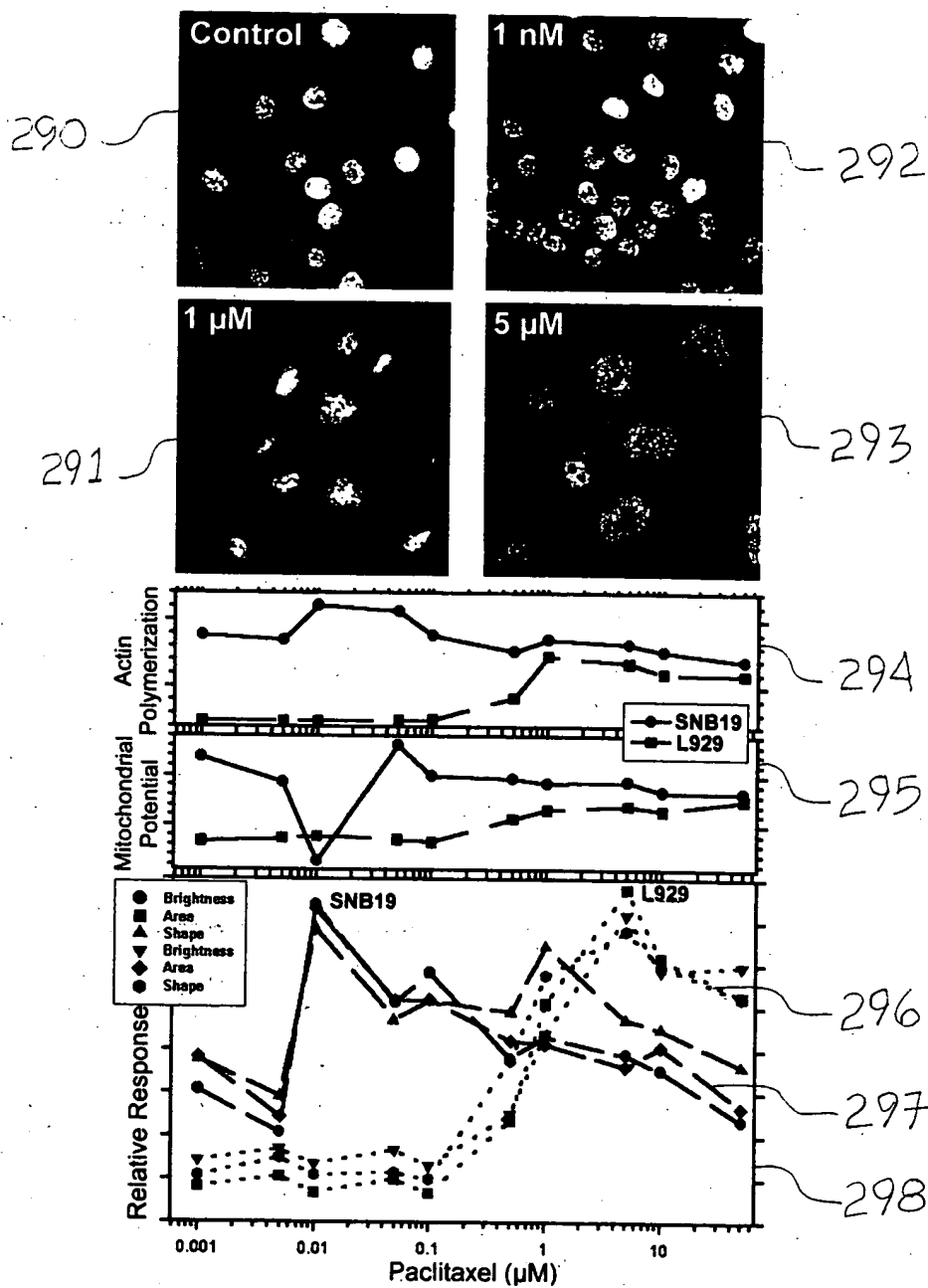


Fig. 24